

CLAIMS

- 1 - Rolling assembly comprising a tire with at least two beads, a substantially cylindrical rim, a collar made of a polymeric material with two axial edges each reinforced by at least one ring, and between the said edges, a central portion reinforced by at least one armature of reinforcement elements such that the said portion is sufficiently flexible to allow the radial displacement of a blocking element which acts in concert with the complementary element of the same name of the rim J of axial width W, in which the reinforcement of each edge of the collar is a collar hook with a seat and a flange, the said hooks, seats and flanges being similar to the rim hooks, seats and flanges with radial and axial dimensions in accordance with the standards in force, the width of the rim being smaller than the axial distance separating the axially inside ends of the seats of the collar.
- 2 - Assembly according to Claim 1, in which the central portion of the collar is reinforced by an armature of at least two plies of reinforcement elements parallel to one another within each ply, crossed over from one ply to the next, forming with the circumferential direction of the collar angles which may be between 30° and 65°, and being embedded in a vulcanized rubber mixture.
- 3 - Assembly according to Claim 2, in which each portion of the collar opposite the edges of the rim is additionally reinforced by a supplementary strip of circumferential reinforcement elements, the said elements being of an aliphatic polyamide which contracts under the action of heat.